

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hager et al.

Art Unit: 3662

Serial No.: 10/657,971

Examiner: Alsomiri, Isam A.

Filed: September 9, 2003

METHODS AND APPARATUS FOR For:

DETERMINATION OF A FILTER CENTER

FREQUENCY

Mail Stop: Amendment **Commissioner for Patents**

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL

Transmitted herewith is: Transmittal (3 pgs., in duplicate); Amendment in Response to Office Action dated May 10, 2004 (10 pgs.); Return post card

STATUS

Applicant

claims small entity status. is other than a small entity.

CERTIFICATE OF MAILING BY EXPRESS MAIL TO THE COMMISSIONER FOR PATENTS

Express Mail Label No.: EV458033649US

Date: August 6, 2004

I hereby certify that the documents listed above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXTENSION OF TERM

| 3. | 3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. | | | | | | | | | |
|--|---|--------------------------|-----------|---------------------------------|-------------------------------|--------------|---|----------|--------------------------------|--|
| | (a) | | A A | it petitions for | | on | olicable) of time under 3' al number of month | | | |
| Extension for response within: | | | | | | | ther than small entity Fee | | iall entity Fee if applicable) | |
| | | - | fi | rst month | | \$ | 110.00 | \$ | 55.00 | |
| | | | se se | econd month | | \$ | 420.00 | \$ 2 | 210.00 | |
| | | | ☐ tì | nird month | | \$ | 950.00 | \$ 4 | 475.00 | |
| | | | └ ☐ fo | ourth month | | \$ 1, | ,480.00 | \$ ' | 740.00 | |
| | | | ☐ fi | ifth month | | \$2 | ,010.00 | \$ | 1,005.00 | |
| | | | | | | | Fee Due | | \$ | |
| | | | | | | | 100 Duc | | Ψ | |
| If an additional extension of time is required, please consider this a petition therefor. (Check and complete the next item, if applicable) | | | | | | | | | | |
| An extension of months has already been secured. The fee paid | | | | | | | | | | |
| therefor \$ is deducted from the total fee due for the total months | | | | | | | | | | |
| of extension now requested. | | | | | | | | | | |
| Extension fee due with this request \$. | | | | | | | | | | |
| OR | | | | | | | | | | |
| (b) Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that | | | | | | | | | | |
| | applicant has inadvertently overlooked the need for a petition for extension | | | | | | | | | |
| | of time. | | | | | | | | | |
| | FEE FOR CLAIMS The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below: | | | | | | | | | |
| • | THE TEC | TOI CIAI | 1113 (57 | C.1 .1C. 1.10(0) | <i>j</i> -(u <i>j)</i> 11a3 0 | | | 110 4413 | OTHER THAN | |
| | | ol. 1) AIMS | | (Col. 2) | (Col. 3) | | SMALL ENTITY | | SMALL ENTITY | |
| | REM Al | AINING FTER IDMENT | | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA | | ADDITIONAL. RATE FEE | OR | ADDITIONAL RATE FEE | |
| TOTAL | | | MINUS | | = | x | \$9 = \$ | | x \$18 = \$ | |
| INDEP. | | | MINUS | | = | x | \$42 = \$ | | x \$84 = \$ | |
| _ | FIRS | T PRESENT | TATION OF | MULTIPLE DEP. C | CLAIM | + | \$140 = \$ | | + \$280 = \$ | |
| · <u>-</u> . | | | | | | TO | OTAL ADDITIONAL | OR | TOTAL ADDITIONAL | |
| | | | | | | F | EE \$ | | FEE \$ | |

| | (a) | No additional fee for Claims is required | | | | | | | | |
|-------------|--|---|--|--|--|--|--|--|--|--|
| | | OR | | | | | | | | |
| | (b) | Total additional fee for claims required \$ | | | | | | | | |
| FEE PAYMENT | | | | | | | | | | |
| 5. | | Attached is a check in the sum of \$ | | | | | | | | |
| | Charge Deposit Account No. 01-2384 the sum of \$ A duplicate of this transmittal is attached. | | | | | | | | | |
| | | FEE DEFICIENCY | | | | | | | | |
| 6. | | If any additional extension and/or fee is required, charge Deposit Account No. 01-2384. | | | | | | | | |
| AND/OR | | | | | | | | | | |
| | | If any additional fee for claims is required, charge Deposit Account No. 01-2384. | | | | | | | | |
| 7. | | Other: | | | | | | | | |
| | | Røbert E. Slenker Reg. No. 45,112 ARMSTRONG TEASDALE LLP One Metropolitan Square, Suite 2600 St. Louis, MO 63102 314/621-5070 | | | | | | | | |

8-9-04

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H0003015DIV PATENT

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METHODS AND APPARATUS FOR DETERMINATION OF A FILTER CENTER

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AMENDMENT

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In response to the Office Action dated May 10, 2004, please amend the above-identified patent application as follows: